

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	24	(US-20020090277-\$).did. or (US-4929136-\$ or US-2155827-\$ or US-0192620-\$ or US-4488844-\$ or US-5795117-\$ or US-0071722-\$ or US-4790701-\$ or US-0606145-\$ or US-5032047-\$ or US-5957536-\$ or US-3873224-\$ or US-2820499-\$ or US-1272919-\$ or US-6241441-\$ or US-0716018-\$ or US-1470294-\$ or US-4089614-\$ or US-2315359-\$ or US-5193643-\$ or US-4676706-\$ or US-3060988-\$ or US-6146043-\$). did. or (EP-382650-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/07/25 21:17
L2	20	(US-20020090277-\$).did. or (US-0071722-\$ or US-0192620-\$ or US-0606145-\$ or US-0716018-\$ or US-1272919-\$ or US-1470294-\$ or US-2155827-\$ or US-2315359-\$ or US-2820499-\$ or US-3873224-\$ or US-4089614-\$ or US-4488844-\$ or US-4790701-\$ or US-4929136-\$ or US-5032047-\$ or US-5795117-\$ or US-5957536-\$ or US-6241441-\$). did. or (EP-382650-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/07/25 21:20
L3	4	1 not 2	US-PGPUB; USPAT; EPO	OR	ON	2006/07/25 21:20
S1	1	10/768287	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/20 13:22
S2	11	"2820499"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 17:37
S3	13	"6283043"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 17:37
S4	4	"4761093"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 17:43
S5	660	kuenzel.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 17:44
S6	15	kuenzel.in.	US-PGPUB	OR	ON	2005/05/03 17:44

## EAST Search History

S7	307	(411/103,104).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 19:50
S8	680	(411/105,111,112,116,119).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 19:51
S9	952	S7 or S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 19:51
S10	0	411/104,119-121,172	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/20 13:22
S11	616	(411/104,119-121,172).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/20 14:50
S12	147	(411/104).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/20 13:23
S13	147	(411/104).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/20 14:43
S14	286	nut near3 (hold or holder or holding) with (inclined or perpendicular\$3 or tangent or tangential or tangentially or slant or slanted or slanting or slantingly or inclining or incline) same (bolt or shaft or axis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/20 16:30
S15	304	nut near3 (retainer or retaining or retained or retain) with (inclined or perpendicular\$3 or tangent or tangential or tangentially or slant or slanted or slanting or slantingly or inclining or incline) same (bolt or shaft or axis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/20 14:47
S16	573	S14 or S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/20 14:47

## EAST Search History

S17	40089	(411/\$6).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/20 14:47
S18	62811	(403/\$6).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/20 14:47
S19	99061	S17 or S18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/20 14:47
S20	34	S16 and S19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/20 14:47
S21	473	(411/119-121,172).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/20 14:50
S22	0	("009not1").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/20 14:51
S23	469	S21 not S13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/20 14:51
S24	19	(US-20020090277-\$).did. or (US-2820499-\$ or US-4929136-\$ or US-5957536-\$ or US-4089614-\$ or US-5795117-\$ or US-6241441-\$ or US-4790701-\$ or US-4488844-\$ or US-3873224-\$ or US-2315359-\$ or US-2155827-\$ or US-1470294-\$ or US-1272919-\$ or US-0716018-\$ or US-0606145-\$ or US-0192620-\$ or US-0071722-\$).did. or (EP-382650-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2005/07/20 16:02
S25	0	("2002/0090277").URPN.	USPAT	OR	ON	2005/07/20 16:03
S26	4	("3969011"   "5032047"   "5603594").PN. OR ("5795117"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/20 16:03

## EAST Search History

S27	26	("1183064"   "2194798"   "2249923"   "2396142"   "2820499"   "3005292"   "3241591"   "3342096"   "3461937"   "3640327"   "3695324"   "3765078"   "4114401"   "4575295"   "4830557").PN. OR ("4929136").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/20 16:04
S28	18	("2114508"   "3279830"   "3676898"   "4047822").PN. OR ("4089614").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/20 16:08
S29	10	("2370042"   "2859057"   "3404907"   "3459433").PN. OR ("3873224").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/20 16:10
S30	4	("2820499").URPN.	USPAT	OR	ON	2005/07/20 16:11
S31	2	("716018").URPN.	USPAT	OR	ON	2005/07/20 16:12
S32	0	("192620").URPN.	USPAT	OR	ON	2005/07/20 16:13
S33	18	("2114508"   "3279830"   "3676898"   "4047822").PN. OR ("4089614").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/20 16:29
S34	1212	(float or floating) near3 nut	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/20 16:29
S35	132	S34 and (hold or holder or holding or mount or mounted or mounting) with (inclined or perpendicular\$3 or tangent or tangential or tangentially or slant or slanted or slanting or slantingly or inclining or incline)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/20 16:31
S36	20	(US-20020090277-\$).did. or (US-2820499-\$ or US-4929136-\$ or US-5957536-\$ or US-4089614-\$ or US-5795117-\$ or US-6241441-\$ or US-4790701-\$ or US-4488844-\$ or US-3873224-\$ or US-2315359-\$ or US-2155827-\$ or US-1470294-\$ or US-1272919-\$ or US-0716018-\$ or US-0606145-\$ or US-0192620-\$ or US-0071722-\$ or US-5032047-\$).did. or (EP-382650-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2005/07/20 19:27
S37	58	furniture with (assembly or assemble or assembling) with nut with (bolt or fastener)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/20 17:29

## EAST Search History

S38	92	nut adj retaining.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/20 18:51
S39	0	("2820499" "4761093" "6283043").PN.).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/20 18:51
S40	3	("2820499" "4761093" "6283043").PN.	US-PGPUB; USPAT	OR	ON	2005/07/20 18:52
S41	20	(US-20020090277-\$).did. or (US-0071722-\$ or US-0192620-\$ or US-0606145-\$ or US-0716018-\$ or US-1272919-\$ or US-1470294-\$ or US-2155827-\$ or US-2315359-\$ or US-2820499-\$ or US-3873224-\$ or US-4089614-\$ or US-4488844-\$ or US-4790701-\$ or US-4929136-\$ or US-5032047-\$ or US-5795117-\$ or US-5957536-\$ or US-6241441-\$).did. or (EP-382650-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/07/25 21:19
S42	1	10/130752	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 01:27
S43	1	10/812360	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 01:27
S44	18	("2114508"   "3279830"   "3676898"   "4047822").PN. OR ("4089614").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/20 03:02
S45	341	(411/111-113).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/25 17:48
S46	6	((("3695324") or ("6811363") or ("4676706") or ("3060988") or ("4863327") or ("3219085"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/07/25 17:49
S47	10	("2477429"   "4193435"   "4830557"   "4875816"   "5193868"   "5558369"   "5630686"   "5971686"   "6027293").PN. OR ("6811363").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 17:49
S48	12	("0716018"   "2401824"   "3496980"   "3738406"   "4722647").PN. OR ("5971686").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 17:49

## EAST Search History

S49	17	("2991816"   "3020947"   "3695324"   "4348140"   "4695212").PN. OR ("5630686").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 17:50
S50	35	("1464216"   "1820064"   "2310532"   "2477429"   "2633886"   "2825380"   "2948316"   "3149856"   "3986544"   "4015650"   "4059286"   "4875816"   "5193643"   "5193868"   "5409289").PN. OR ("5558369").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 17:50
S51	8	("2455145"   "4432575"   "4826374").PN. OR ("5193868").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 17:50
S52	8	("2455145"   "4432575"   "4826374").PN. OR ("5193868").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 17:50
S53	34	("2251643"   "2552499"   "2649883"   "2661821"   "3025897"   "3091272"   "3695324"   "3738406"   "4193435"   "4270591").PN. OR ("4875816").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 17:50
S54	27	("2243923"   "3118480"   "4193435"   "4676706").PN. OR ("4830557").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 17:50
S55	22	("2421201"   "2825380"   "3219086").PN. OR ("4193435").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 17:50
S56	12	("2477429").URPN.	USPAT	OR	ON	2006/07/25 17:50
S57	12	("2477429").URPN.	USPAT	OR	ON	2006/07/25 17:51
S58	109	S46 S47 S48 S49 S50 S51 S52 S53 S54 S55 S56 S57	USPAT	OR	ON	2006/07/25 17:51
S59	23	(US-20020090277-\$).did. or (US-4929136-\$ or US-2155827-\$ or US-0192620-\$ or US-4488844-\$ or US-5795117-\$ or US-0071722-\$ or US-4790701-\$ or US-0606145-\$ or US-5032047-\$ or US-5957536-\$ or US-3873224-\$ or US-2820499-\$ or US-1272919-\$ or US-6241441-\$ or US-0716018-\$ or US-1470294-\$ or US-4089614-\$ or US-2315359-\$ or US-5193643-\$ or US-4676706-\$ or US-3060988-\$).did. or (EP-382650-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/07/25 17:55

## EAST Search History

S60	18	("2114508"   "3279830"   "3676898"   "4047822").PN. OR ("4089614").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 17:55
S61	0	("192620").URPN.	USPAT	OR	ON	2006/07/25 17:58
S62	0	("192620").URPN.	USPAT	OR	ON	2006/07/25 17:59
S63	3	("3060988").URPN.	USPAT	OR	ON	2006/07/25 17:59

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	25	("2394729"   "2552499"   "2716434"   "3060988"   "3478801"   "3670796"   "3999583"   "4074491").PN. OR ("4676706").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 17:01
L2	0	("6854941").URPN.	USPAT	OR	ON	2006/07/25 17:02
L3	3	("3060988").URPN.	USPAT	OR	ON	2006/07/25 17:03
L4	495	(411/432).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/25 17:03
L5	10	("2477429"   "4193435"   "4830557"   "4875816"   "5193868"   "5558369"   "5630686"   "5971686"   "6027293").PN. OR ("6811363").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 17:07
L6	57	(US-20020182027-\$ or US-20030147715-\$ or US-20040005205-\$ or US-20040042868-\$ or US-20040109739-\$ or US-20040202523-\$ or US-20040136805-\$ or US-20030091408-\$).did. or (US-1768505-\$ or US-2144553-\$ or US-2243923-\$ or US-2303148-\$ or US-2409209-\$ or US-2571786-\$ or US-2585728-\$ or US-2815789-\$ or US-2991816-\$ or US-3020947-\$ or US-3123120-\$ or US-3126038-\$ or US-6918725-\$ or US-6811363-\$ or US-6183180-\$ or US-5468104-\$ or US-5380136-\$ or US-4863327-\$ or US-3695324-\$ or US-5146668-\$ or US-4227561-\$ or US-3765078-\$ or US-5507517-\$ or US-4695212-\$ or US-5704747-\$ or US-5630686-\$). did. or (EP-401151-\$).did. or (FR-2699235-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/07/25 17:07
L7	341	(411/111-113).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/25 17:07
L8	46	("2026757"   "2243923"   "2406415"   "2567864"   "2827097"   "2986188"   "3123120"   "3461936").PN. OR ("3695324").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 17:08



## EAST Search History

L9	19	("2144553"   "2381233"   "3164191"   "3695324"   "4695212").PN. OR ("4863327").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 17:08
L10	10	("2477429"   "4193435"   "4830557"   "4875816"   "5193868"   "5558369"   "5630686"   "5971686"   "6027293").PN. OR ("6811363").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 17:08
L11	1	("3219085").URPN.	USPAT	OR	ON	2006/07/25 17:08
L12	5	("20030091408" "20040136805" "20040202523" "5630686" "5704747").PN.	US-PGPUB; USPAT	OR	ON	2006/07/25 17:08
L13	64	8 9 10 11 12	US-PGPUB; USPAT	OR	ON	2006/07/25 17:09
L14	27	13 not 7	US-PGPUB; USPAT	OR	ON	2006/07/25 17:14
L15	269	7 not (4 or 14 or 13 or 8 or 9)	US-PGPUB; USPAT	OR	ON	2006/07/25 17:15